

- P 6
- 1 LINE a
  - 2 LINE b
  - 3 SCREEN
  - 4 LINE a
  - 5 LINE b
  - 6 SCREEN
  - 7 P-FILTER OUT
  - 8 P-FILTER IN
  - 9 OVA
  - 10 X
  - 11 X
  - 12 LINE a
  - 13 SCREEN
  - 14 LINE a
  - 15 LINE b
  - 16 SCREEN
  - 17 X
  - 18 USER
  - 19 USER
  - 20 USER
  - 21 X
  - 22 CH 1 PAN/BAL
  - 23 OV INT.
  - 24 CH 2 PAN/BAL
  - 25 AF OUT
  - 26 OVA
  - 27 PF-OUT
  - 28 OVA
  - 29 P-FILTER OUT
  - 30 P-FILTER IN
  - 31 LINE SIGN. 1
  - 32 LINE SIGN. 2

- P 4
- 1 MASTER SIGN.
  - 2 OVERLOAD
  - 3 -6V
  - 4 OVL
  - 5 -15V
  - 6 OVA
  - 7 +15V
  - 8 -24V
  - 9 X
  - 10 MPX
  - 11 X
  - 12 GEN. a
  - 13 GEN. b
  - 14 X
  - 15 AUX 4-R OUT
  - 16 AUX 4-L OUT
  - 17 AUX 3 OUT
  - 18 AUX 2 OUT
  - 19 AUX 1 OUT
  - 20 OVA
  - 21 X
  - 22 X
  - 23 X
  - 24 X
  - 25 OV REF
  - 26 X
  - 27 X
  - 28 X
  - 29 X
  - 30 PFL-SIGN. BUS
  - 31 PFL/P-SOLO R
  - 32 PFL/P-SOLO L

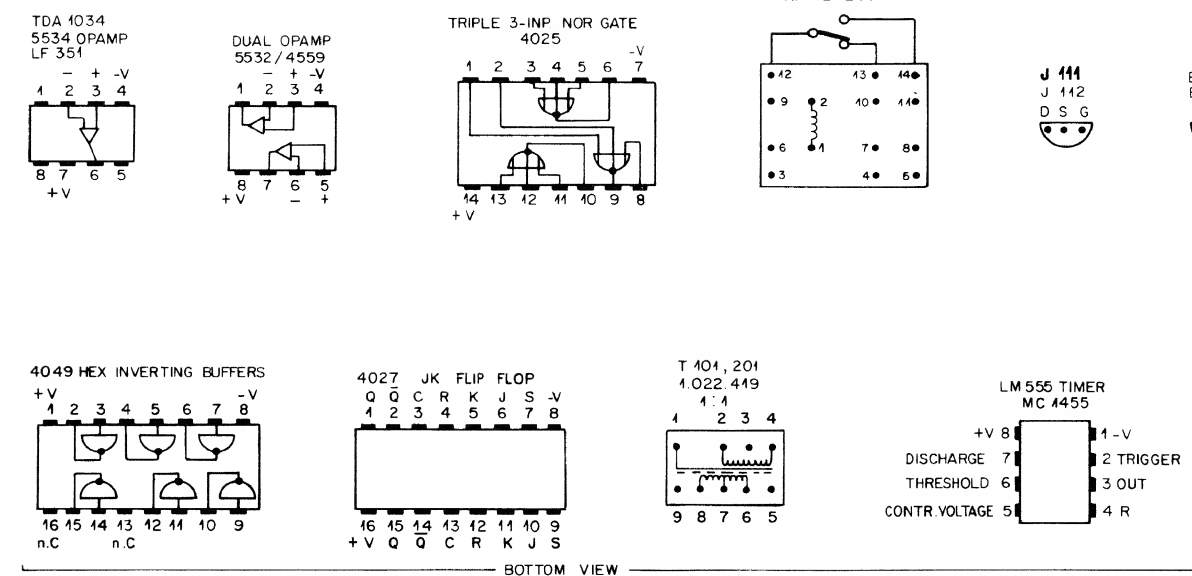
- P 3
- 1 PFL-SIGN. BUS
  - 2 FADER OUT L
  - 3 OVA R
  - 4 FADER OUT R
  - 5 -24V
  - 6 +15V
  - 7 OVA
  - 8 -15V
  - 9 OVL
  - 10 -6V
  - 11 PFL CONTR.
  - 12 P-SOLO CONTR.
  - 13 FADER IN R
  - 14 OVA L
  - 15 FADER IN L
  - 16 CH-OFF

- P 2
- 1 CH-OFF
  - 2 FADER IN L
  - 3 OVA L
  - 4 FADER IN R
  - 5 P-SOLO CONTR.
  - 6 PFL CONTR.
  - 7 -6V
  - 8 OVL
  - 9 -15V
  - 10 OVA
  - 11 +15V
  - 12 -24V
  - 13 FADER OUT R
  - 14 OVA R
  - 15 FADER OUT L
  - 16 PFL-SIGN. BUS

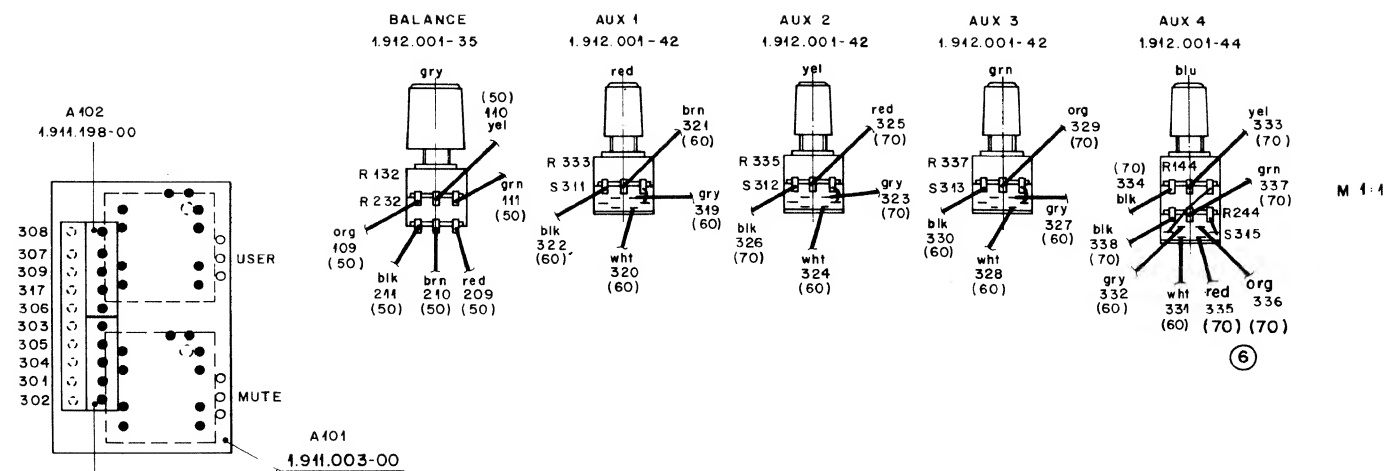
Q 401, 201 = J 111  
Q 402, 202 = J 112  
Q 203, 204 = J 113  
Q 205, 206 = J 114  
Q 207, 208 = J 115  
Q 209, 210 = J 116  
Q 211, 212 = J 117  
Q 213, 214 = J 118  
Q 215, 216 = J 119  
Q 217, 218 = J 120  
Q 219, 220 = J 121  
Q 221, 222 = J 122  
Q 223, 224 = J 123  
Q 225, 226 = J 124  
Q 227, 228 = J 125  
Q 229, 230 = J 126  
Q 231, 232 = J 127  
Q 233, 234 = J 128  
Q 235, 236 = J 129  
Q 237, 238 = J 130  
Q 239, 240 = J 131  
Q 241, 242 = J 132  
Q 243, 244 = J 133  
Q 245, 246 = J 134  
Q 247, 248 = J 135  
Q 249, 250 = J 136  
Q 251, 252 = J 137  
Q 253, 254 = J 138  
Q 255, 256 = J 139  
Q 257, 258 = J 140  
Q 259, 260 = J 141  
Q 261, 262 = J 142  
Q 263, 264 = J 143  
Q 265, 266 = J 144  
Q 267, 268 = J 145  
Q 269, 270 = J 146  
Q 271, 272 = J 147  
Q 273, 274 = J 148  
Q 275, 276 = J 149  
Q 277, 278 = J 150  
Q 279, 280 = J 151  
Q 281, 282 = J 152  
Q 283, 284 = J 153  
Q 285, 286 = J 154  
Q 287, 288 = J 155  
Q 289, 290 = J 156  
Q 291, 292 = J 157  
Q 293, 294 = J 158  
Q 295, 296 = J 159  
Q 297, 298 = J 160  
Q 299, 300 = J 161  
Q 301, 302 = J 162  
Q 303, 304 = J 163  
Q 305, 306 = J 164  
Q 307, 308 = J 165  
Q 309, 310 = J 166  
Q 311, 312 = J 167  
Q 313, 314 = J 168  
Q 315, 316 = J 169  
Q 317, 318 = J 170  
Q 319, 320 = J 171  
Q 321, 322 = J 172  
Q 323, 324 = J 173  
Q 325, 326 = J 174  
Q 327, 328 = J 175  
Q 329, 330 = J 176  
Q 331, 332 = J 177  
Q 333, 334 = J 178  
Q 335, 336 = J 179  
Q 337, 338 = J 180  
Q 339, 340 = J 181  
Q 341, 342 = J 182  
Q 343, 344 = J 183  
Q 345, 346 = J 184  
Q 347, 348 = J 185  
Q 349, 350 = J 186  
Q 351, 352 = J 187  
Q 353, 354 = J 188  
Q 355, 356 = J 189  
Q 357, 358 = J 190  
Q 359, 360 = J 191  
Q 361, 362 = J 192  
Q 363, 364 = J 193  
Q 365, 366 = J 194  
Q 367, 368 = J 195  
Q 369, 370 = J 196  
Q 371, 372 = J 197  
Q 373, 374 = J 198  
Q 375, 376 = J 199  
Q 377, 378 = J 200  
Q 379, 380 = J 201  
Q 381, 382 = J 202  
Q 383, 384 = J 203  
Q 385, 386 = J 204  
Q 387, 388 = J 205  
Q 389, 390 = J 206  
Q 391, 392 = J 207  
Q 393, 394 = J 208  
Q 395, 396 = J 209  
Q 397, 398 = J 210  
Q 399, 400 = J 211  
Q 401, 402 = J 212  
Q 403, 404 = J 213  
Q 405, 406 = J 214  
Q 407, 408 = J 215  
Q 409, 410 = J 216  
Q 411, 412 = J 217  
Q 413, 414 = J 218  
Q 415, 416 = J 219  
Q 417, 418 = J 220  
Q 419, 420 = J 221  
Q 421, 422 = J 222  
Q 423, 424 = J 223  
Q 425, 426 = J 224  
Q 427, 428 = J 225  
Q 429, 430 = J 226  
Q 431, 432 = J 227  
Q 433, 434 = J 228  
Q 435, 436 = J 229  
Q 437, 438 = J 230  
Q 439, 440 = J 231  
Q 441, 442 = J 232  
Q 443, 444 = J 233  
Q 445, 446 = J 234  
Q 447, 448 = J 235  
Q 449, 450 = J 236  
Q 451, 452 = J 237  
Q 453, 454 = J 238  
Q 455, 456 = J 239  
Q 457, 458 = J 240  
Q 459, 460 = J 241  
Q 461, 462 = J 242  
Q 463, 464 = J 243  
Q 465, 466 = J 244  
Q 467, 468 = J 245  
Q 469, 470 = J 246  
Q 471, 472 = J 247  
Q 473, 474 = J 248  
Q 475, 476 = J 249  
Q 477, 478 = J 250  
Q 479, 480 = J 251  
Q 481, 482 = J 252  
Q 483, 484 = J 253  
Q 485, 486 = J 254  
Q 487, 488 = J 255  
Q 489, 490 = J 256  
Q 491, 492 = J 257  
Q 493, 494 = J 258  
Q 495, 496 = J 259  
Q 497, 498 = J 260  
Q 499, 500 = J 261

\* 4CH FILTER : 1.912.240  
4CH : 1.912.241  
\*\* 8CH FILTER : 1.912.242  
\*\*\* 8CH : 1.912.243

Δ 8CH VERSION NOT EQUIPPED  
□ FILTER VERSION REPLACED BY LINK  
# WITHOUT FILTER " " " "



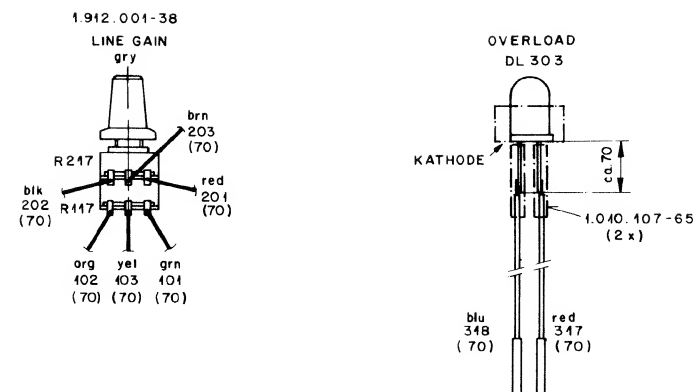
DATE	11.12.84	11.4.85				
SIGN.	ml	ml				
DATE	9.5.83	26.2.84	11.5.84	6.9.84	4.10.84	
SIGN.	ml	ml	ml	ml	ml	
STUDER REGENSDORF ZURICH	HL STEREO INPUT UNIT A 4CH/FILTER					PAGE 3 OF 3
	1.912.240...243					



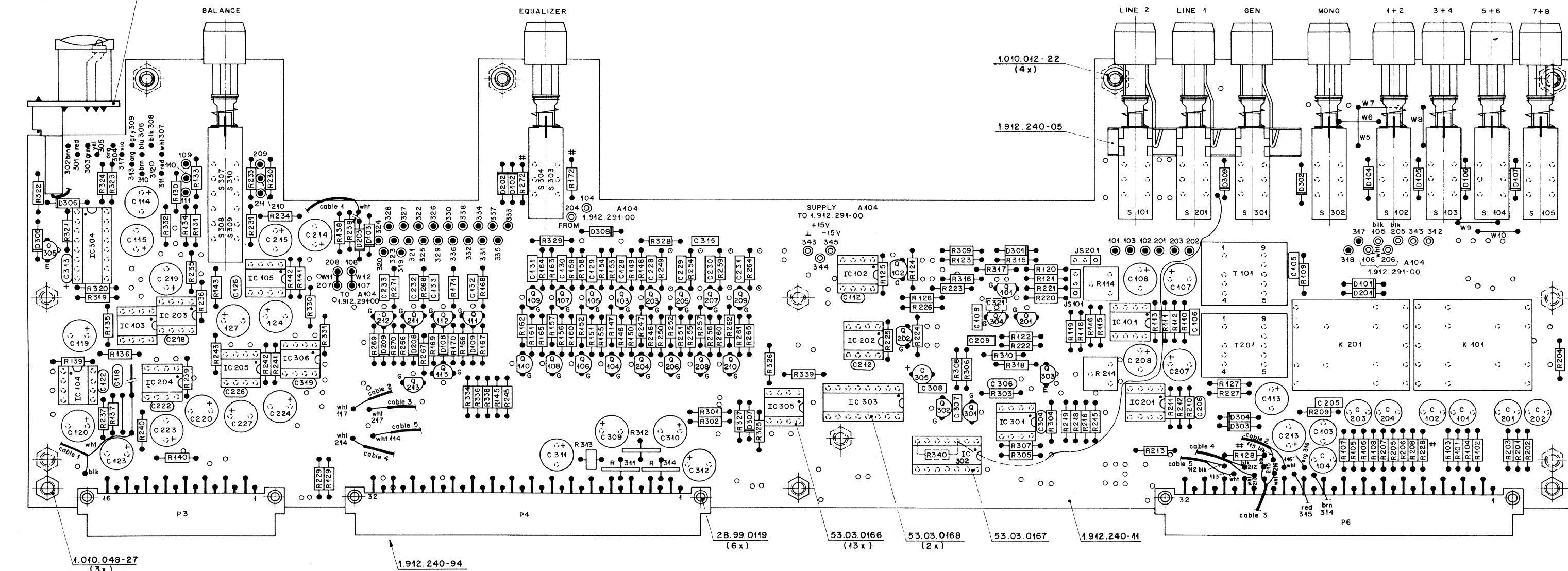
⑤

WIRINGDIAGRAM FOR FILTER VERSION

UNIT	EQ BOARD			
1.912.240-00	1.912.291-00			
1.912.242-00				
104	405	gry	FILTER OUT	L
105	400	blk	┘	L
106	406	wht	FILTER IN	L
107	441	grn	SPREAD IN	L
108	446	gry	SPREAD OUT	L
204	505	brn	FILTER OUT	R
205	500	blk	┘	R
206	506	wht	FILTER IN	R
207	541	brn	SPREAD IN	R
208	546	brn	SPREAD OUT	R
343	541	blk	OV	
344	540	red	+15 V	
345	542	blu	-15 V	



(...)  $\frac{1}{2}$  LENGTH OF STRANDS 1.912.240-94



④ # In der Version mit Filter (1.912.240/242-00) müssen R172/R272 (1k8) bestückt werden. R128/R228 müssen durch Brücken ersetzt werden.

In der Version ohne Filter (1.912.241/243-00) müssen R172/R272 durch Brücken ersetzt werden. R128/R228 (33n) müssen bestückt werden.

// Leiterbahn auf Bestückungsseite aufgetrennt

① # FILTER VERSION : R172 REPLACED (OPTION 1) W1 R272 " W2 R128 " W3 R228 " W4 "

ONLY 4 CH : W5, W6, W10  
ONLY 8 CH : W6, W7, W9

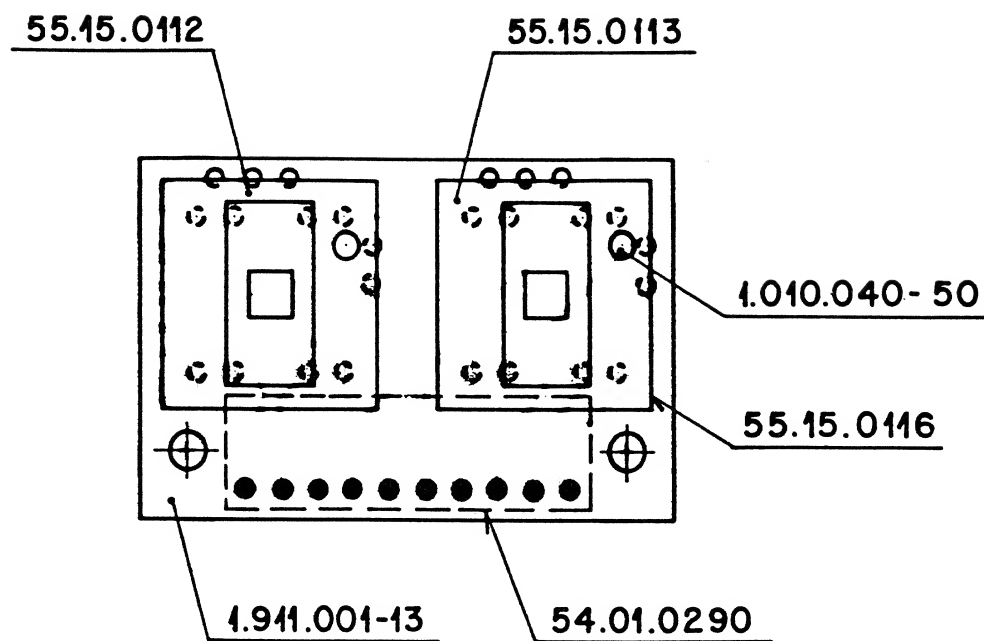
W6 ONLY USED WITH PCB 1.912.240-11 INDEX 0

④ // CIRCUIT INTERRUPT COMPONENTSIDE

\*

VALID FOR	NR. UNIT	PL	EQUALIZER
4 CH FILTER	1.912.240-00	1.912.240-00	1.912.291-00
4 CH	1.912.241-00	1.912.240-00	—
8 CH FILTER	1.912.242-00	1.912.240-00	1.912.291-00
8 CH	1.912.243-00	1.912.240-00	—

Norm-Nr.:	Güte:	28.8.85 A.Ho	⑥
DIN-Bez.:	Beh.:	M. 4. 85 A.Ho	⑤
Abmessung:	Freimasstoleranz:	11.12.84 A.Ho	④
Zugehörige Unterlagen:	Maßstab:	6.9.84 RBe	③
*	±	M. 5. 84 A.Ho	②
Ersatz für:	Ersetzt durch:	9.2.84 A.Ho	①
		23.9.83 A.Ho	①
		Datum	Gez. Gepr. Ges. Index
STUDER REGENSDORF ZÜRICH	HL Stereo Input Unit 4CH / 8CH	Kopie für:	
		1.912.240-00	



Werkstoff	Norm-Nr.:	Oberfläche		Güte:	Änderung					③
	DIN-Bez.:			Beh.:						②
	Abmessung:									①
Zugehörige Unterlagen:		Freimasstoleranz:		Maßstab:	Ausgabe	19.5.82	Ho	✓		①
		±		2 : 1	Datum		Gez.	Gepr.	Ges.	Index
Ersatz für:		Ersetzt durch:			Kopie für:					
STUDER REGENSDORF ZÜRICH		Benennung:			Nummer:					
		Pushbutton Board N-L			1.911.003-00					





IND	POS NO	PART NO	VALUE	SPECIFICATIONS/EQUIVALENT	MFR
IC	.01	50.09.0106	NE 5532	LN DUAL OP-AMP	SIG
	.02	50.05.0243	NE 5534	OP-AMP	"
	.03	50.05.0243	NE 5534	"	"
	.04	50.05.0243	NE 5534	"	"
	.05	50.05.0243	NE 5534	"	"
IC	301	50.09.0103	TL 071	FET OP-AMP LF 351	TI
	302	50.07.0012	4025	3-IN NOR GATE MOS	MOT, FC
	303	50.07.0049	4049	HEX INV. BUFFER MOS	" "
	304	50.07.0027	4027	DUAL J-K FF MOS	" "
	305	50.05.0156	555	TIMER	SIG, NE
	306	50.05.0243	NE 5534	OP-AMP	SIG
JS	.01	54.01.0020	PIN		
		54.01.0021	JUMPER		
K	.01	56.04.0146	NF-4E-6V		
P	3	54.11.2007	2 * 8	1/2 EURO B-TYPE	BU
	4	54.01.0353	2 * 16	EURO B-TYPE	"
	6	54.01.0353	2 * 16	EURO B-TYPE	"

IND	DATE	NAME	
④	11.12.84	⑤ 11.4.85	SIG : SIGNETICS BU: BURNDY
③	4.10.84	④	TI : TEXAS INSTRUMENT
②	11.5.84	③	MOT: MOTOROLA LN: LOW NOISE
①	9.2.84	②	FC : FAIRCHILD
○	21.6.82	TAMAS	NS : NATIONAL SEMICONDUCTORS
STUDER HL ST INPUT UNIT 4CH/FILTER PL 1.912.240.00 PAGE 5 OF 13			

IND	POS NO	PART NO	VALUE	SPECIFICATIONS/EQUIVALENT	MFR
5 Q	.01	50.03.0216	J 111		Sx
	.02	50.03.0350	J 112		"
	.03	50.03.0350	J 112		"
	.04	50.03.0350	J 112		"
	.05	50.03.0350	J 112		"
	.06	50.03.0350	J 112		"
1	.07	50.03.0350	J 112		"
1	.08	50.03.0350	J 112		"
1	.09	50.03.0350	J 112		"
1	.10	50.03.0350	J 112		"
	.11	50.03.0350	J 112		"
	.12	50.03.0350	J 112		"
	.13	50.03.0350	J 112		"
Q	301	50.03.0350	J 112		Sx
	302	50.03.0350	J 112		Sx
	303	50.03.0515	BC 307	PNP	BC 557
	304	50.03.0350	J 112		Sx
	305	50.03.0436	BC 237	NPN	BC 547

IND	DATE	NAME	
④	11.12.84	⑤ 11.4.85	Sx : SILICONIX
③	4.10.84	④	
②	11.5.84	③	
①	9.2.84	②	
○	21.6.82	TAMAS	* only 8CH
STUDER HL ST INPUT UNIT 4CH/FILTER PL 1.912.240.00 PAGE 6 OF 13			

IND	POS NO	PART NO	VALUE	SPECIFICATIONS/EQUIVALENT	MFR
R	.01	57.11.3152	15 k	1%	
	.02	.3392	39 k	1%	
	.03	.3152	15 k	1%	
	.04	.3392	39 k	1%	
	.05	.3152	15 k	1%	
	.06	.3392	39 k	1%	
	.07	.3152	15 k	1%	
	.08	.3392	39 k	1%	
	.09	.4152	15 k	2%	
	.10	.3752	75 k	2%	
	.11	.4181	180 Ω	2%	
	.12	.3752	75 k	2%	
	.13	.4271	270 Ω		
	.14	58.01.8102	1 k	TRIM	
	.15	57.11.4272	27 k		
	.16	57.11.4152	15 k		
	.17	1.912.001.32	10 k	2 x 10k LIN POT	ST
	.18	57.11.4152	15 k		
	.19	.4222	22 k		
	.20	.3362	36 k	2%	
	.21	.3162	16 k	2%	
5	.22	.5106	10 M		
	.23	.4222	22 k		
	.24	.4472	47 k		
	.25	.3113	11 k	2%	
5	.26	.5106	10 M		
	.27	.4223	22 k		
1	.28	.4330	33 Ω	OPTION 1 replaced by link	
	.29	.4153	15 k		
	.30	.4223	22 k		

IND	DATE	NAME	
④	11.12.84	⑤ 11.4.85	ST : STUDER
③	4.10.84	④	
②	11.5.84	③	OPTION 1 with Filter
①	9.2.84	②	
○	21.6.82	TAMAS	
STUDER HL ST INPUT UNIT 4CH/FILTER PL 1.912.240.00 PAGE 7 OF 13			

IND	POS NO	PART NO	VALUE	SPECIFICATIONS/EQUIVALENT	MFR
R	.31	57.11.4682	68 k		
	.32	1.912.001.35	10 k	POS. LOG. } POT	ST
	.33	57.11.3132	10 k	NEG. LOG. }	
	.34	.4332	33 k		
	.35	.4472	47 k		
	.36	.4333	33 k		
	.37	.4472	47 k		
	.38	.4472	47 k		
	.39	.4332	33 k		
	.40	.4333	33 k		
	.41	.4332	33 k		
	.42	.4332	33 k		
	.43	.4333	33 k		
	.44	1.912.001.44	10 k	2 x 10k POS. LOG. POT	ST
	.45	57.11.4332	33 k		
	.46	.4333	33 k		
	.47	.4332	33 k		
	.48	.4104	100 k		
5	.49	.5106	10 M		
5	.50	.5106	10 M		
	.51	.4333	33 k		
	.52	.4332	33 k		
	.53	.4104	100 k		
5	.54	.5106	10 M		
5	.55	.5106	10 M		
1	.56	.4333	33 k	*	
1	.57	.4332	33 k	*	
1	.58	.4104	100 k	*	
5	.59	.5106	10 M	*	

IND	DATE	NAME	
④	11.12.84	⑤ 11.4.85	ST : STUDER
③	4.10.84	④	
②	11.5.84	③	
①	9.2.84	②	
○	21.6.82	TAMAS	* only 8CH
STUDER HL ST INPUT UNIT 4CH/FILTER PL 1.912.240.00 PAGE 8 OF 13			



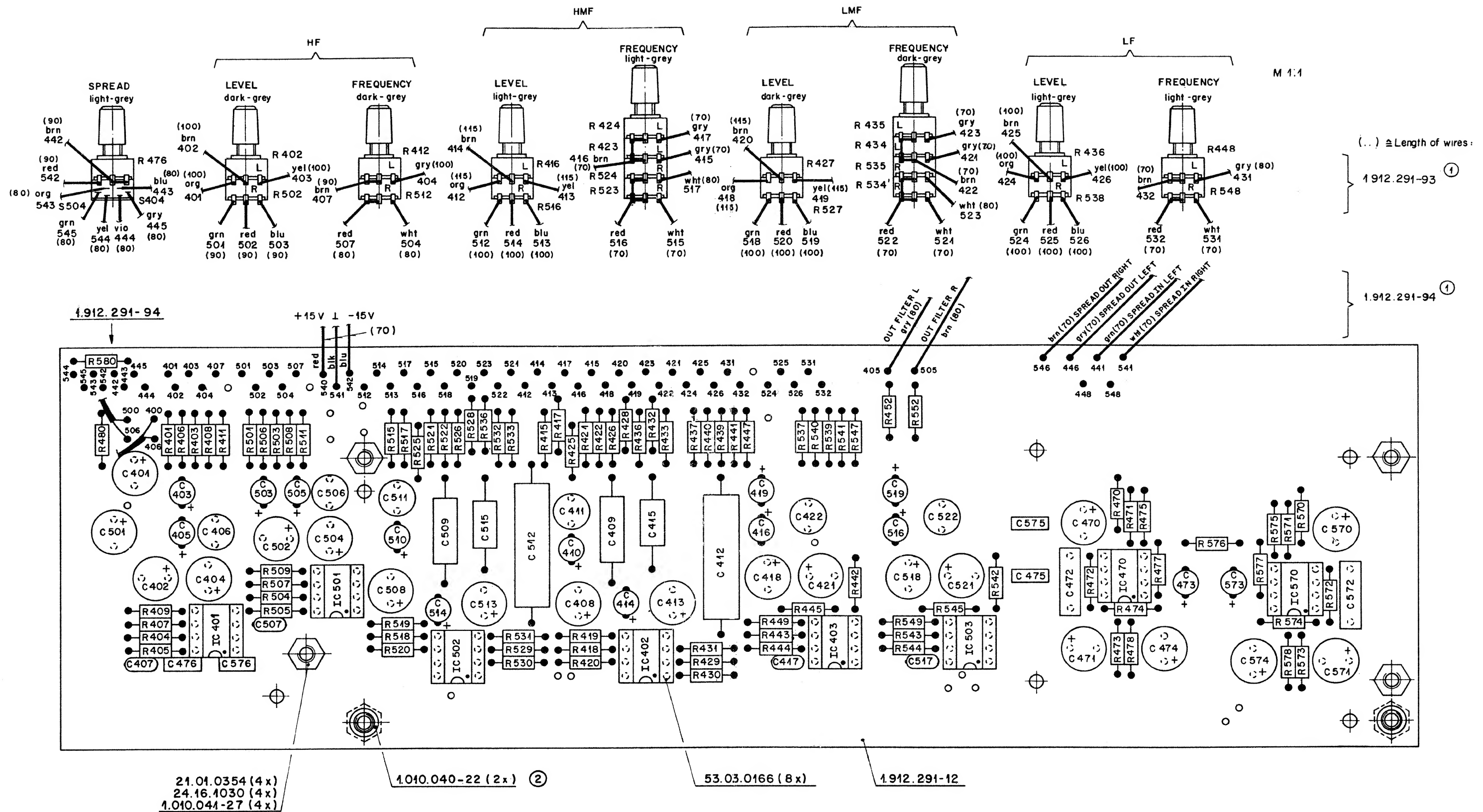
IND	DATE	NAME		
④	11.12.84	⑤ 11.4.85 $\frac{1}{2}$		
③	4.10.84	$\frac{1}{4}$		
②	11.5.84	$\frac{1}{8}$		
①	9.2.84	$\frac{1}{6}$		
○	22.6.82	TAMAS $\frac{1}{5}$		
* only 8CH				
STUDER	HL ST INFLT	UNIT 4CH/FILTER	PL 1.912.240.00	PAGE 9 OF 13

IND	DATE	NAME	
④	11.12.84	⑤ 11485 1/2	ST: STUDER
③	1.10.84	46	
②	11.5.84	1/2	
①	9.2.84	1/2	
○	13.6.22	TAMAS 1/2	
STUDER	HL ST INPUT UNIT 4CH/FILTER	PL	1.912.240.00
			PAGE 11 OF 13

IND	DATE	NAME			
④	11.12.84	⑤ 11.4.85 <i>fr</i>	ST : STUDER		
③	4.10.84	<i>fr</i>			
②	11.5.84	<i>fr</i>			
①	9.4.84	<i>fr</i>			
○	22.6.82	TAMAS <i>fr</i>			
STUDER			HL ST INPUT UNIT 4CH/FILTER	PL 1.912.240.00	PAGE 10 OF 13

IND	DATE	NAME	
④	11.12.84	③ 11.4.85 1/2	ST : STUDER
③	4.10.84	40	
②	11.5.84	16	OPTION 1 with Filter
①	9.2.84	16	
○	22.6.82	TAMAS 40	
STUDER	HL ST INPUT UNIT 4CH/FILTER	PL	1.942.240.000
			PAGE 12 OF 13





Werkstoff	Norm-Nr.:	Oberfläche	Güte:	Änderung	12.9.85 A.Ho	12.9.85 A.Ho	12.9.85 A.Ho	12.9.85 A.Ho	12.9.85 A.Ho
	DIN-Bez.:		22.5.84 STJ		22.5.84 STJ	22.5.84 STJ	22.5.84 STJ	22.5.84 STJ	
Zugehörige Unterlagen:	Freimasstoleranz:	Maßstab:	Beh.:	Ausgabe	8.9.83 A.Ho	8.9.83 A.Ho	8.9.83 A.Ho	8.9.83 A.Ho	8.9.83 A.Ho
	PL				Datum	Gez.	Gepr.	Ges.	Index
Ersatz für:		Ersetzt durch:		Kopie für:					
STUDER REGENSDORF ZÜRICH		Benennung		Equalizer Board		Nummer:		1.912.291-00	